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DECLARATION OF CONFORMITY EC AL-50/2025

Type (model): **BERYL GEN2 DECO**

The batch number: W/NNNNNN/RR

W: W - products; C - clean products; D - dismantling; M - medical products;

PR - Samples/prototypes; WL - to validate

NNNNNN - number of the consecutive manufacturing batch

RR - the last two digits of the production year

Ratings:

LED; ~220-240V 50-60-Hz; class. II; IP20/54; IK04; E, EDD

This declaration of conformity is issued under the sole responsibility of the manufacturer. The object of the declaration described above is in accordance with applicable requirements European Union harmonisation legislation.

Directive 2014/35/EU of the European Parliament and of the Council of 26 February 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of electrical equipment designed for use within certain voltage limits

Directive 2014/30/EU of the European Parliament and of the Council of 26 February 2014 on the harmonisation of the laws of the Member States relating to electromagnetic compatibility

Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment

Directive 2009/125/EC of the European Parliament and of the Council of 21 October 2009 establishing a framework for the setting of ecodesign requirements for energy-related products

Commission Regulation (EU) No 2020/2019 of 1 October 2019 laying down ecodesign requirements for light sources and separate control gear pursuant to Directive 2009/125 / EC of the European Parliament and of the Council
Journal of Laws L 315, 5.12.2019, pp. 1-32

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Jacentów, 2025.09.19

Dyrektor Zakładu
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(Dyrektor Zakładu)

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The list of harmonised standards or other technical specifications:

PN-EN 62471 Photobiological Safety of Lamps and Lamp Systems

PN-EN 60598-1 Luminaires -- Part 1: General requirements and tests

PN-EN 60598-2-2 Luminaires - Part 2-2: Particular requirements - Recessed luminaires

PN-EN 61000-3-2 Electromagnetic compatibility (EMC) -- Part 3-2: Limits - Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)

PN-EN 61000-3-3 Electromagnetic compatibility (EMC) -- Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection

PN-EN 55015 Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment

PN-EN 61547 Equipment for general lighting purposes – (EMC) immunity requirements

PN-EN 62493 Assessment of lighting equipment related to human exposure to electromagnetic fields

PN-EN IEC 63000:2019-01 Technical documentation for evaluating electrical and electronic products with regard to the reduction of hazardous substances

PN-EN IEC 62722-2-1:2023 Luminaire performance -- Part 2-1: Particular requirements - LED luminaires

PN-EN 60529 Specification for degrees of protection provided by enclosures (IP code)

PN-EN 62262:2003/A1:2022-06 Degrees of protection provided by enclosures for electrical equipment against external mechanical impacts (IK code)